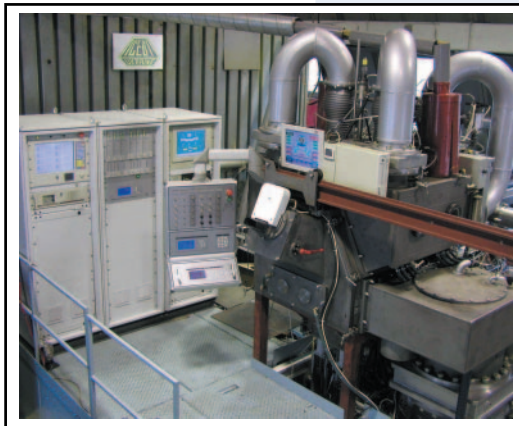
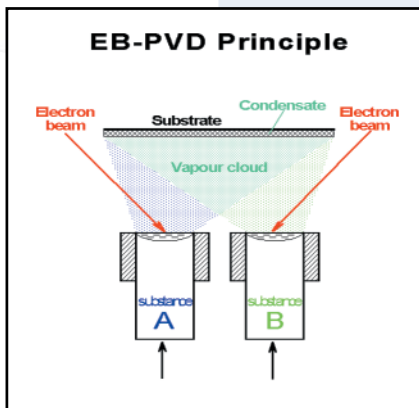


Next Generation EB-PVD Apparatus



- Electron Beam Physical Vapor Deposition (EB-PVD) technologies provide wide possibilities for deposition of new materials as well as coatings of various heat resistant and refractory metal alloys, ceramics and composites with unique structures and properties
- EB-PVD is used across many industries:
 - Aeronautical & Industrial gas turbines
 - Fuel cells
 - X-ray systems
- Improved apparatus over commercially-available EB-PVD systems will be developed:
 - Innovative design features
 - Higher rates of deposition
 - Reduced time & operating costs
- Enable Ukrainian partner to compete in global market



General Electric Company
Niskayuna, NY



International Center for Electron Beam Technologies
(ICEBT) of E.O. Paton Electric Welding Institute
Kyiv, Ukraine